

**REMARKS**

***Status of the Claims***

Claims 1, 4-6, and 13-16 are currently pending. Claims 7-12 are withdrawn herein. Claims 2-3 are canceled herein. Applicants assert that no new matter is presented by these amendments and respectfully request entry of the same.

***Response to Restriction Requirement***

In the January 26, 2006 Restriction Requirement, the Examiner required an election between the following group of claims:

- I. Claims 1-6 and 13-16, drawn to a nucleic acid array, classified in class 536, subclass 23.1.
- II. Claims 7-12, drawn to methods for monitoring gene expression in rat using a nucleic acid array, classified in class 435, subclass 6.

**In light of the foregoing amendments, Applicants hereby elect without traverse the invention of Group I, pending claims 1, 4-6, and 13-16.** Applicants reserve the right to represent non-elected claims in a divisional, or other related application.

***Requirement for Further Restriction***

In the January 26, 2006 Restriction Requirement, the Examiner further required a selection of a single SEQ ID NO as required by claims 2-3 if the invention of Group I was elected. Based on the forgoing amendments, claims 2-3 have been canceled herein and the selection of a single SEQ ID NO for claims 2-3 is no longer required.

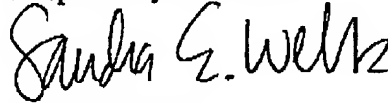
PATENT

Attorney Docket No. 3527.1

If the Examiner has any questions pertaining to this application or feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 731-5000.

Applicants believe that no fee is due with the submission of this document. However, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Respectfully submitted,



Sandra E. Wells  
Reg. No. 52,349

Dated: February 24, 2006

Affymetrix, Inc.  
Legal Department  
3380 Central Expressway  
Santa Clara, CA 95051  
Phone: (408) 731-5000 / Fax: (408) 731-5392